

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)
Week 27 (7/04/2021- 7/10/2021)

COCONINO COUNTY
July 16, 2021



Situation Summary

MMWR Week 27 (7/04/2021-7/10/2021)

A total of 18,072 positive COVID-19 cases have been reported among Coconino County residents from March 15, 2020 – July 10, 2021.

Deaths: 317 (2% of cases)

Probable Deaths: 5

Recovered Cases: 17,582

(97% of cases)

Hospitalizations: 1,338

(7% of cases)

Total Fully Vaccinated: 64,459

(51.1% of the eligible population)

Cases Reported Week 27 (July 4, 2021 - July 10, 2021):

82

Positive
Cases

87%

Not Fully
Vaccinated

58.0

Rate per
100,000

9.0%*

Positivity
Yield

Community Transmission

- Coconino County has a current **incidence rate of 58.0 per 100,000, percent positivity of 9.0%***, and **COVID-19-Like-Illness incidence (CLI) of 0.9%****.
- Coconino County is currently at a **moderate***** level of community transmission.

Benchmarks	Minimal	Moderate	Substantial
Cases	<10 cases/100,000	10-100 cases/100,000	>100 cases/100,000
Percent Positivity	<5%	5-10%	>10%
COVID-19-Like-Illness	<5%	5-10%	>10%

The Arizona Department of Health (ADHS) defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

**Percent positivity was calculated using only ELR data.*

***CLI is reported using hospital surveillance at the county level. Not all county hospitals are reporting CLI. Percent positivity numbers may differ from ADHS, as ADHS does not include non-electronic lab reports in % positivity calculations.*

**** ADHS defines community spread level thresholds to be met for two-consecutive weeks before moving to a different risk-category.*

Cumulative Counts (March 15, 2020 – July 10, 2021):

18,072
Positive
Cases

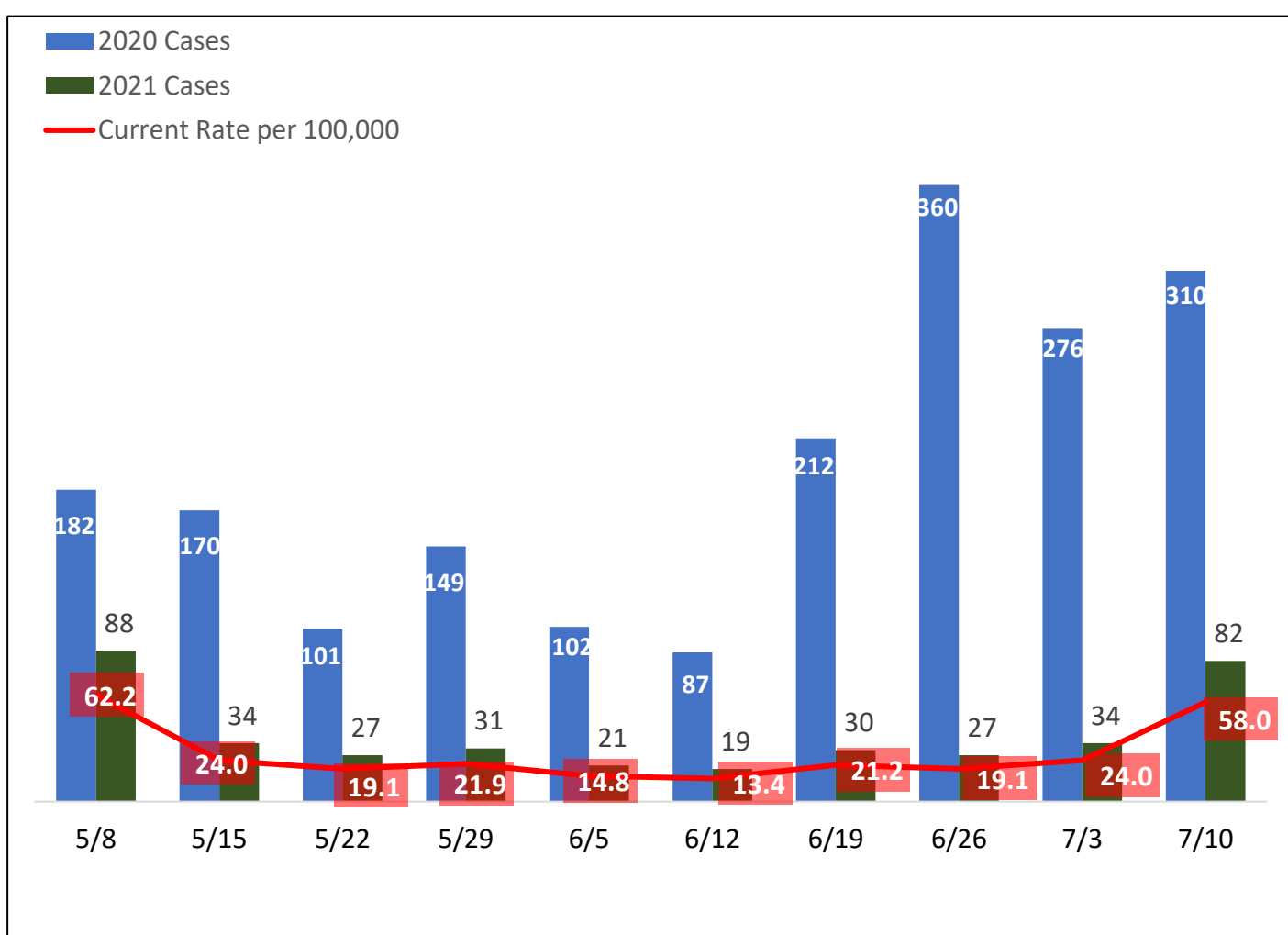
264,313
Total
Tests

93,200
People
Tested

11.0%
Positivity
Yield

12,772.7 cases per 100,000 Coconino County Residents
vs.
12,572.7 cases per 100,000 Arizona Residents

Weekly Case Counts Among Coconino County Residents:



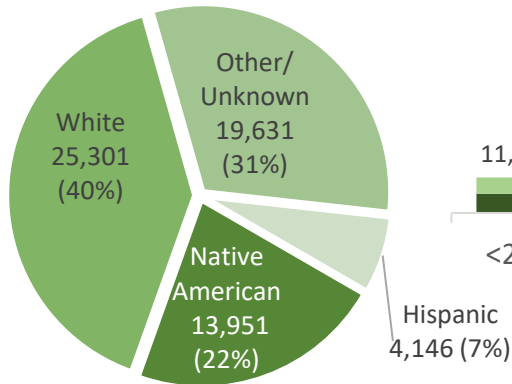
*Cases reported from 3/15/20-7/10/21

COVID-19 Situation Summary*

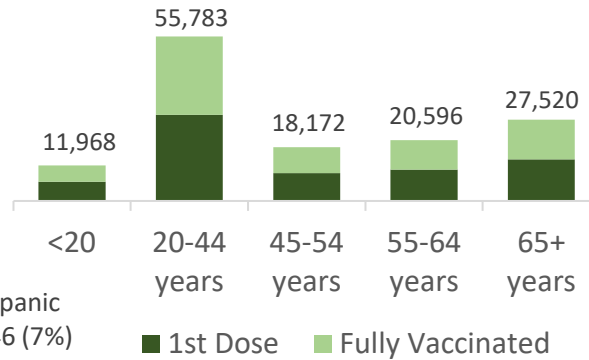
Please visit Vaccine Administration at azdhs.gov for additional Coconino County vaccine data.

COVID-19 Vaccinations Among Coconino County Residents:

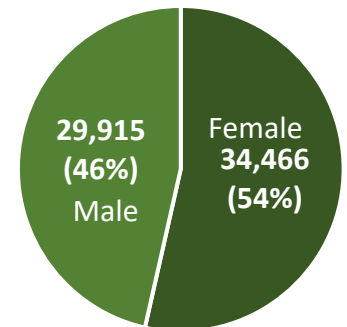
Fully Vaccinated by Race**



Vaccinations by Age

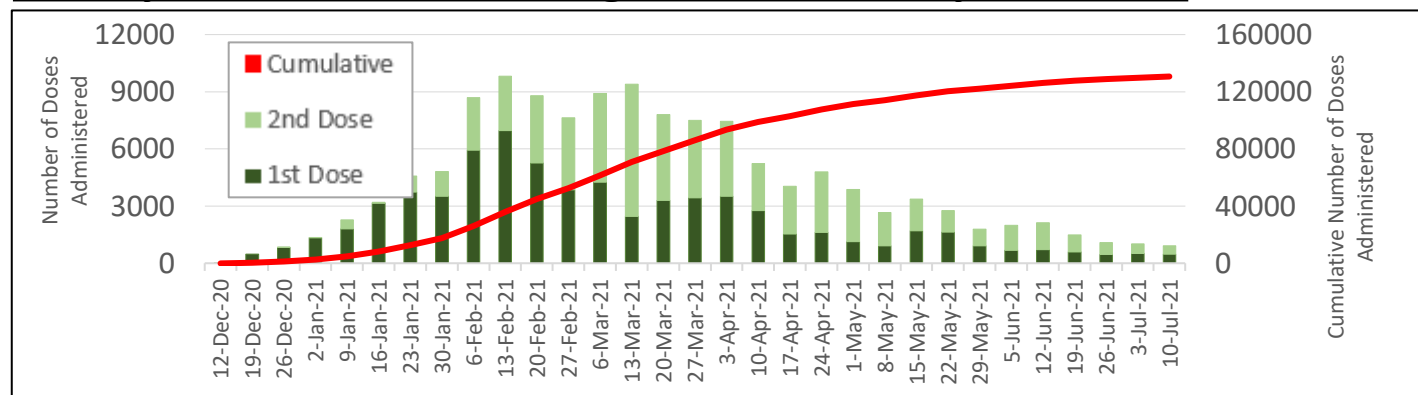


Fully Vaccinated by Sex



**The following races account for less than 1% of total vaccinations:
Asian or Pacific Islander (986), and Black or African American (444).

Weekly Vaccine Counts Among Coconino County Residents:



Vaccinations by Residency:

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000 [†]
Flagstaff	45,574	42,101	49,162
86001/ 86005	26,039	23,990	54,068
86004	18,672	17,306	54,947
86011	863	805	8,238

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000 [†]
Page	4,790	4,624	67,830
Tribal Communities	13,049	12,011	57,809
Williams	2,225	2,055	41,010
Grand Canyon	1,556	1,434	66,083
Other Areas	2,386	2,234	39,680

[†]Population estimates include residents aged 10 and older.

Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

COVID-19 Situation Summary*

Location:

Location	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated [†]
Flagstaff	10,757	11,268	8.9%	42,101	49.2%
Page	1,252	16,625	17.3%	4,624	67.8%
Tribal Communities	4,679	19,006	15.9%	12,011	57.8%
Williams	601	10,553	14.1%	2,055	41.0%
Grand Canyon	211	8,314	13.9%	1,434	66.1%
Other Areas	572	10,136	12.3%	2,234	39.7%

[†]Population estimates include residents aged 10 and older.

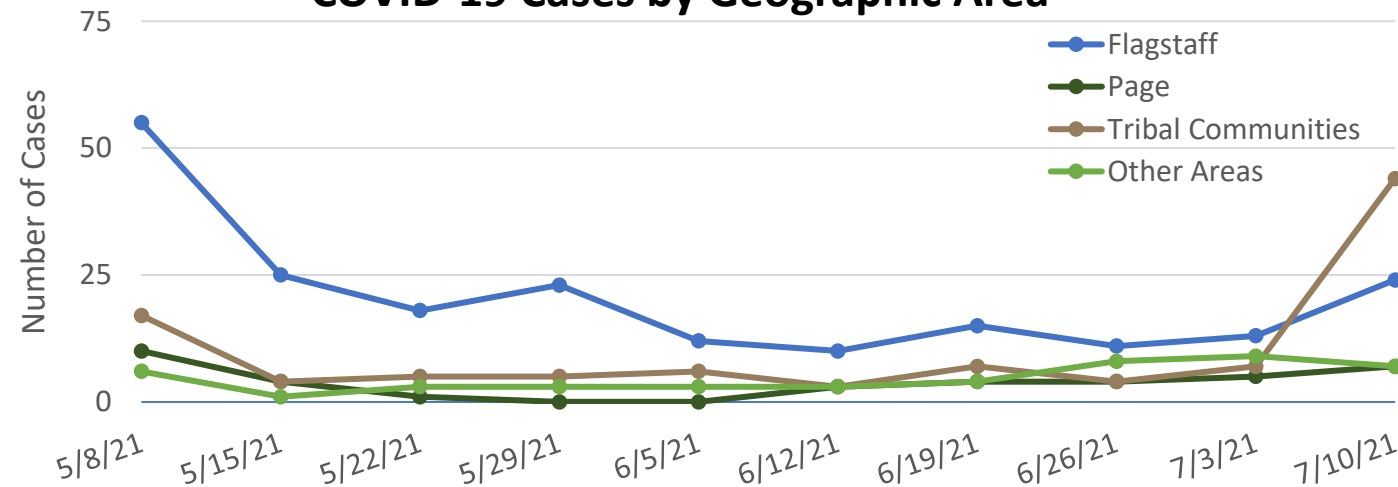
Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.



Key Take Away

- **Tribal Communities** experienced the largest **increase in cases** from the previous week with a **529% increase**.
- The **lowest cumulative** percentage of the population **fully vaccinated** was observed in **Williams**.

COVID-19 Cases by Geographic Area



*Cases reported from 3/15/20-7/10/21

Age:

Age	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated [‡]
<20 years	3,744	9,174	12.0%	5,485	21.4%
20-44 years	8,963	17,171	11.1%	26,639	51.0%
45-54 years	2,066	14,065	11.9%	8,814	60.0%
55-64 years	1,785	10,757	10.3%	10,037	60.5%
65+ years	1,514	8,915	9.1%	13,484	79.4%

[‡]Population estimates include residents aged 10 and older.

Vaccination data of Sedona residents have been excluded from Age calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

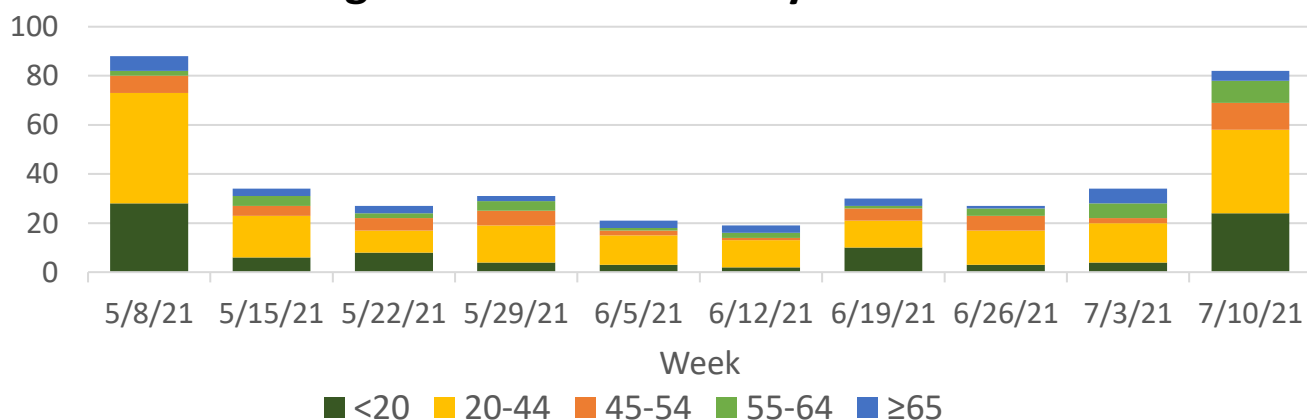
The median age of Coconino County COVID-19 cases is 30 years old



Key Take Away

- The highest **case incidence** for week 27 was observed among residents aged 45-54 with an incidence of 75 per 100,000.
- The highest **positivity yield** for week 27 was observed among residents aged 55-64 and <20 with a positivity yield of 12.5% and 11.4%, respectively.
- The **highest** cumulative percentage of the population **fully vaccinated** was observed among residents aged 65+.

Age of Positive Cases by Week



Race/Ethnicity:

Race/ Ethnicity	Confirmed Cases	Case Incidence per 100,000	Fully Vaccinated	% of the Population Fully Vaccinated [‡]
Native American	6,957	19,115	13,951	42.1%
White	6,050	7,923	25,301	33.9%
Hispanic	2,869	14,395	4,146	23.3%
Black or African American	238	15,102	444	20.8%
Asian/ Pacific Island	203	7,066	986	32.0%
Other/ Unknown	1,755	N/A	19,631	N/A

[‡]Population estimates include residents aged 10 and older.

Vaccination data of Sedona residents have been excluded from Race/Ethnicity calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.



Key Take Away

- The **lowest cumulative percentage** of the population fully vaccinated was observed in **Black or African American** residents. The **highest cumulative percentage** of the population fully vaccinated was observed among **Native American** residents.

Sex:

Sex	Confirmed Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of the Population Fully Vaccinated [‡]
Female	9,176	12,836	10.1%	34,466	53.8%
Male	8,863	12,700	12.0%	29,915	48.3%

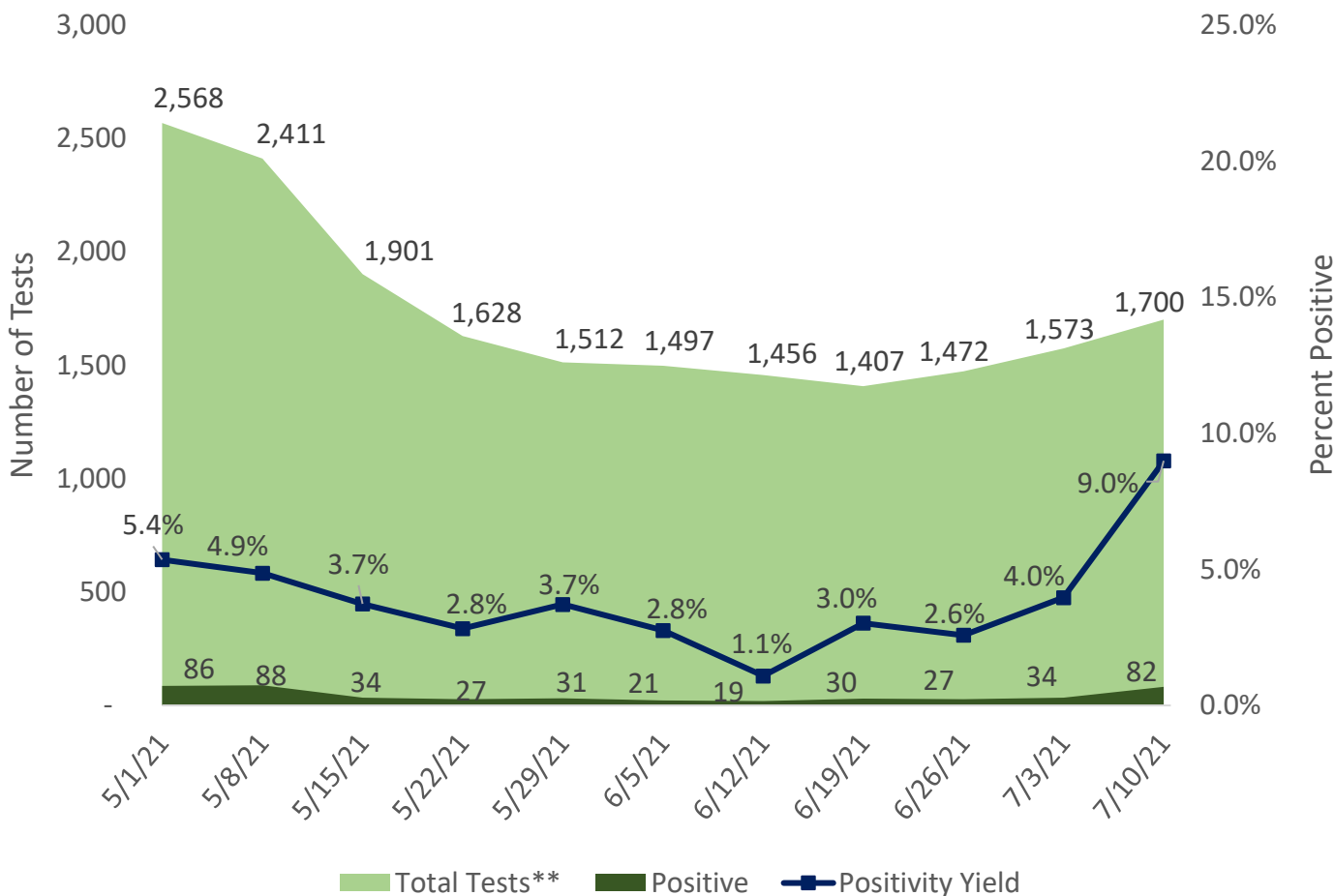
[‡] Population Estimates include residents aged 10 and older



Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 12% more tests than male residents.
- Male residents have higher testing positivity yields.

COVID-19 TESTING BY WEEK:



*Percent positivity was calculated using only ELR data due to insufficient reporting.

**Data was changed to display total tests per week rather than number of people tested per week.

COVID-19 Diagnostic Testing:

People Tested: A total of 93,200 Coconino County residents have been tested.

Tests Conducted: A total of 264,313 have been conducted among Coconino County residents.

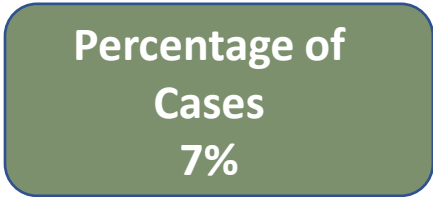
Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed: 8,103**

Monitoring: The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

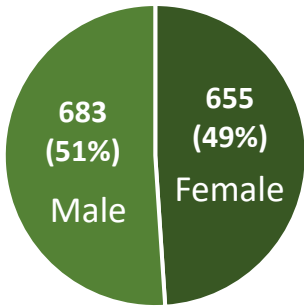
- **Currently being monitored: 35 (As of 7/10/2021)**
- **Total individuals monitored to date: 7,216**

Hospitalizations

(not all hospitals are currently reporting hospitalization data to Coconino County):

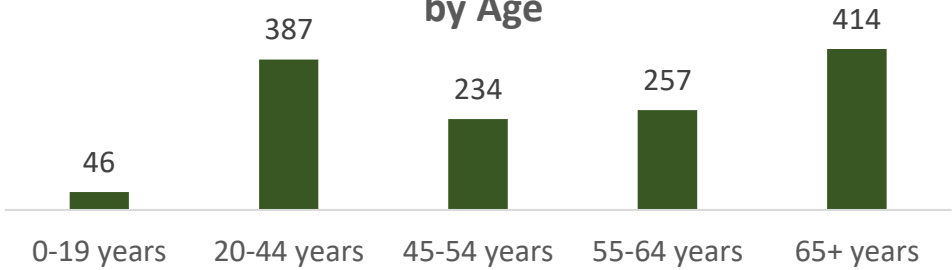


Sex

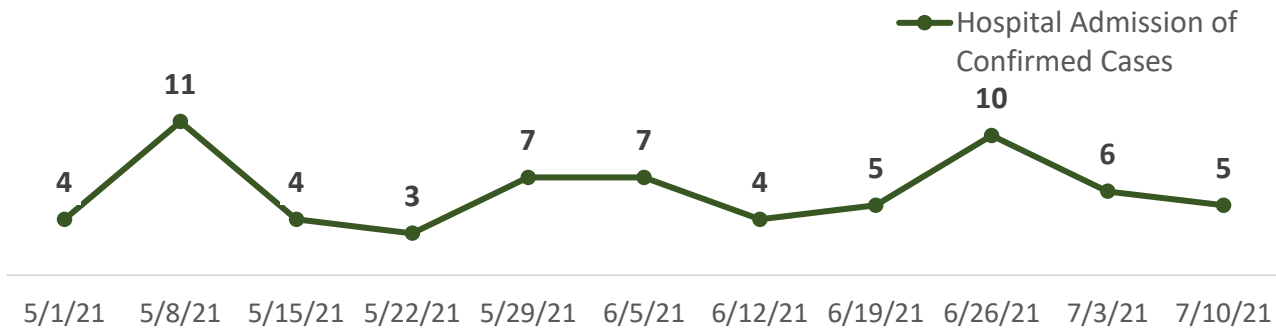


17% of hospitalized residents were in the ICU and 7% were intubated.

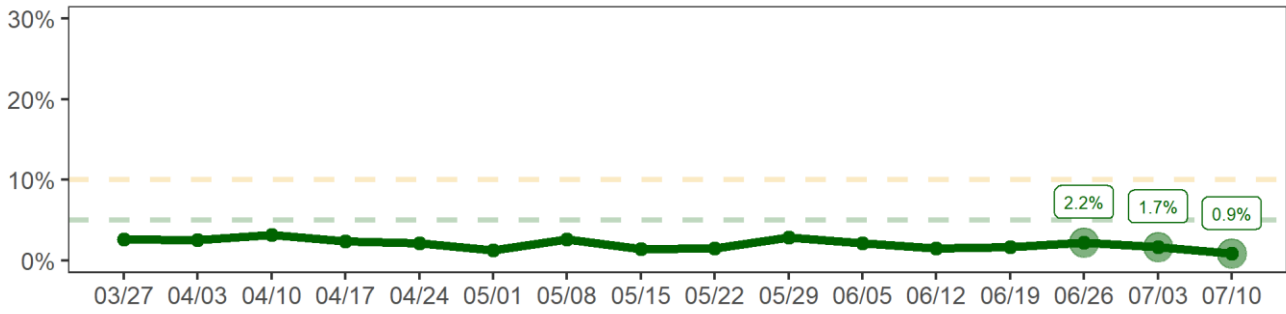
Hospitalized Coconino COVID-19 Patients by Age



Weekly Case Counts Among Coconino County Residents:



Hospital Visits with COVID-Like Illnesses Among Coconino County Residents:



*Cases reported from 3/15/20-7/10/21

CLI Graph represents data from hospital surveillance at the county level. Not all county hospitals are reporting CLI.

COVID-19 Situation Summary*

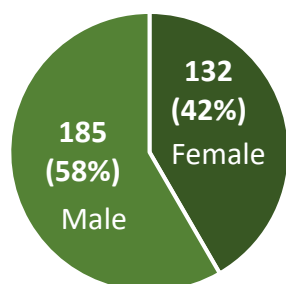
COVID-19 Related Deaths:

Percentage of
Cases
2%

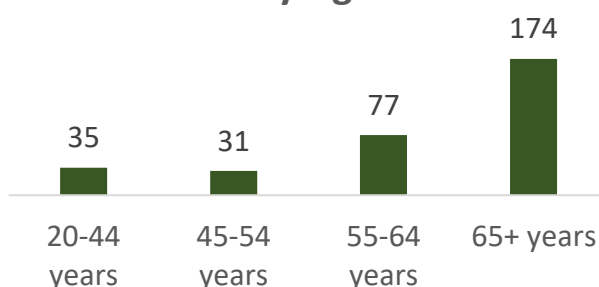
Deaths
317

Fatalities
Per 100,000
224.0

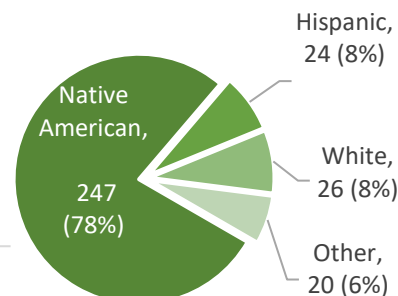
Sex



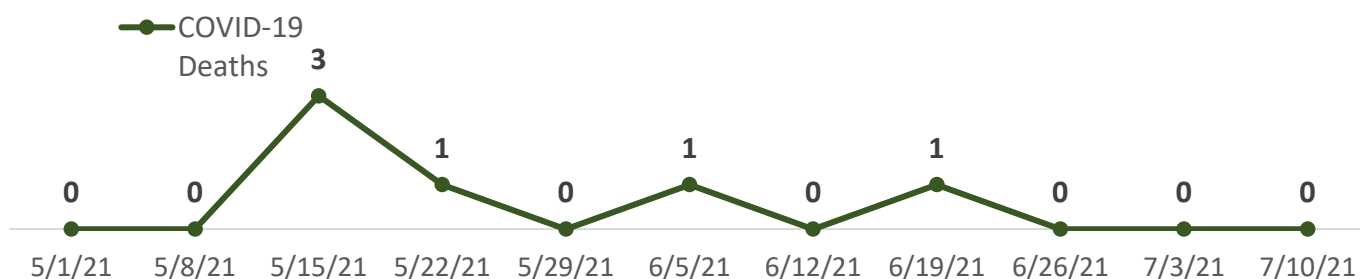
Coconino COVID-19 Deaths by Age



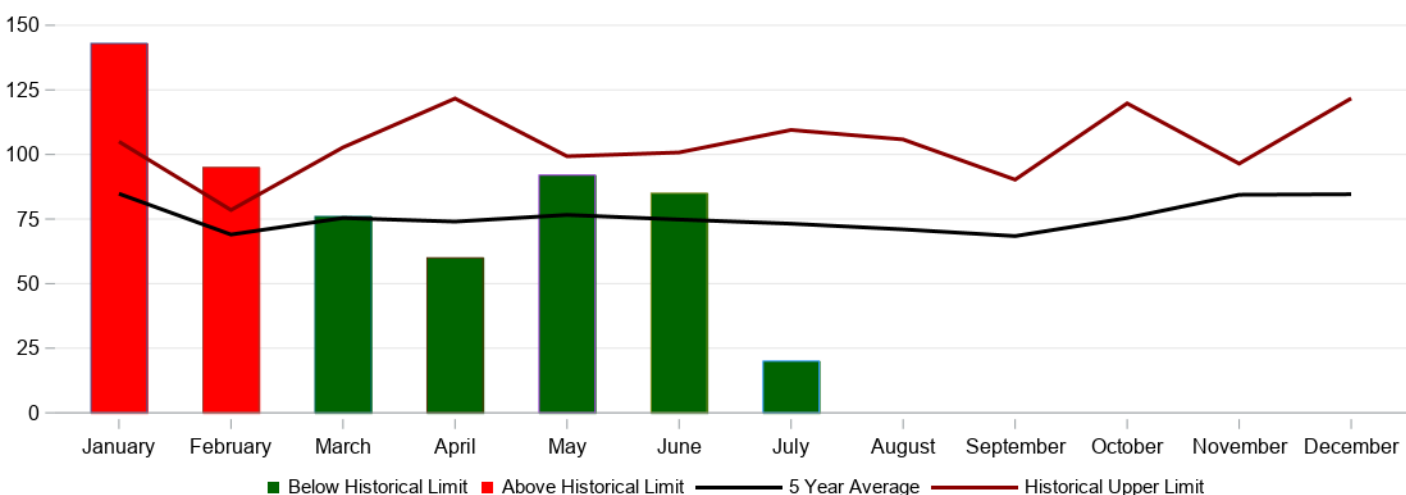
Race



Weekly COVID-19 Deaths Among Coconino County Residents:



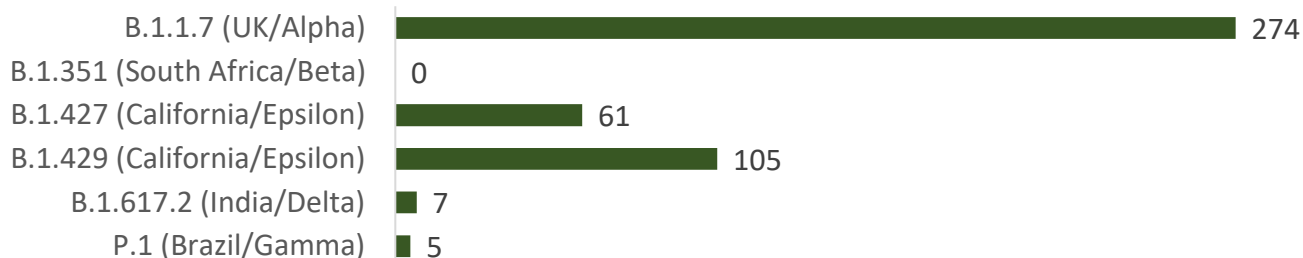
2021 All Deaths Aberration



*Cases reported from 3/15/20-7/10/21

COVID-19 Variants:

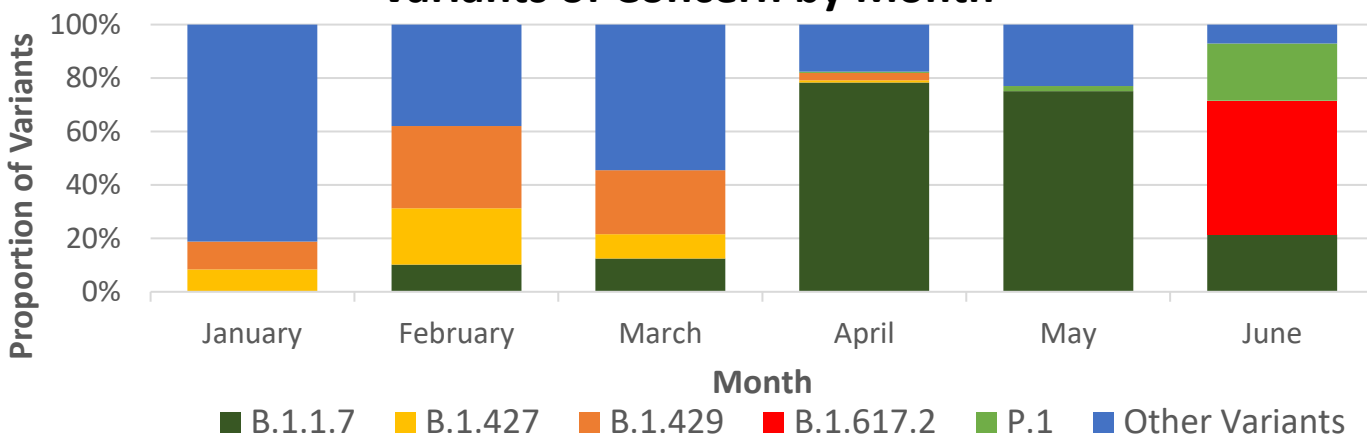
Coconino County Total Variants of Concern**



****A variant for which there is evidence of an increase in transmissibility, more severe disease (e.g., increased hospitalizations or deaths), reduced effectiveness of treatments or vaccines, or diagnostic detection failures as defined by the CDC. Current data suggest that COVID-19 vaccines authorized for use in the United States offer protection against variants currently spreading in Coconino County.**

90% of identified variants of concern are among Flagstaff residents.

Variants of Concern by Month



1,298 positive SARS-CoV-2 samples from Coconino County residents have been sequenced by partnering laboratories to identify circulating variants.

For more information about SARS-CoV-2 variants, please visit the CDC webpage:

[SARS-CoV-2 Variant Classifications and Definitions \(cdc.gov\)](https://www.cdc.gov/sars-cov-2/variant-classifications-and-definitions.html)

For more information regarding variant testing in Arizona, please visit the TGen website:

[AZ COVID-19 Sequencing Dashboard \(tgen.org\)](https://tgen.org/covid-19-sequencing-dashboard)

Vaccine Breakthrough***:

Total Vaccine Breakthrough Cases: 90

(0.5% of all cases)

Vaccine Breakthrough Cases with Variant of Concern: 8

(9% of vaccine breakthrough cases)

*****Defined as testing positive for COVID-19 after meeting the designation of fully vaccinated. Information received from report produced by ADHS.**

*Cases reported from 3/15/20-7/10/21